


Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known			
				Application Number		To Be Assigned	
				Filing Date		Concurrently	
				First Inventor		Hiroaki KUBO	
				Group Art Unit		To Be Assigned	
				Examiner Name		To Be Assigned	
Sheet	1	of	1	Attorney Docket No.		15162/02980	

JC915 U.S. PTO
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U.S. PATENT DOCUMENTS								
Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS							
Examiner Initials		O F F I C E	NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes No	
Jmd	(1)	JP	10-055023		02/24/1998	Abstract Only	
Jmd	(2)	JP	10-098640		04/14/1998	Abstract Only	
Jmd	(3)	JP	10-108046		04/24/1998	Abstract Only	
Jmd	(4)	JP	11-183978		07/09/1999	Abstract Only	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	

Examiner Signature		Date Considered	6-7-04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.